

## SEQUENCE LISTING

&lt;110&gt; INCYTE PHARMACEUTICALS, INC.

TANG, Y. Tom  
HILLMAN, Jennifer L.  
YUE, Henry  
AZIMZAI, Yalda  
BAUGHN, Mariah R.  
TRAN, Bao

&lt;120&gt; HUMAN LIPID-ASSOCIATED PROTEINS

&lt;130&gt; PF-0676 PCT

&lt;140&gt; To Be Assigned

&lt;141&gt; Herewith

&lt;150&gt; 60/120,703; 60/142,762

&lt;151&gt; 1999-02-19; 1999-07-08

&lt;160&gt; 24

&lt;170&gt; PERL Program

&lt;210&gt; 1

&lt;211&gt; 331

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No: 161190CD1

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Arg	Asp	Glu	Ala	Asp	Ala	Leu	Tyr	Glu	Ala	Leu	Lys	Lys	Leu	Arg
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Thr	Tyr	Ala	Ala	Ile	Glu	Asp	Glu	Tyr	Val	Gln	Gln	Lys	Asp	Glu
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Gln	Phe	Arg	Glu	Trp	Phe	Leu	Lys	Glu	Phe	Pro	Gln	Val	Lys	Arg
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Lys	Ile	Gln	Glu	Ser	Ile	Glu	Lys	Leu	Arg	Ala	Leu	Ala	Asn	Gly
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Ile	Glu	Glu	Val	His	Arg	Gly	Cys	Thr	Ile	Ser	Asn	Val	Val	Ser
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Ser	Ser	Thr	Gly	Ala	Ala	Ser	Gly	Ile	Met	Ser	Leu	Ala	Gly	Leu
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Val	Leu	Ala	Pro	Phe	Thr	Ala	Gly	Thr	Ser	Leu	Ala	Leu	Thr	Ala
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Ala	Gly	Val	Gly	Leu	Gly	Ala	Ala	Ser	Ala	Val	Thr	Gly	Ile	Thr
				155					160					165
Thr	Ser	Ile	Val	Glu	His	Ser	Tyr	Thr	Ser	Ser	Ala	Glu	Ala	Glu
				170					175					180
Ala	Ser	Arg	Leu	Thr	Ala	Thr	Ser	Ile	Asp	Arg	Leu	Lys	Val	Phe
				185					190					195
Lys	Glu	Val	Met	Arg	Asp	Ile	Thr	Pro	Asn	Leu	Leu	Ser	Leu	Leu
				200					205					210
Asn	Asn	Tyr	Tyr	Glu	Ala	Thr	Gln	Thr	Ile	Gly	Ser	Glu	Ile	Arg
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Ala	Ile	Arg	Gln	Ala	Arg	Ala	Arg	Ala	Arg	Leu	Pro	Val	Thr	Thr
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Trp	Arg	Ile	Ser	Ala	Gly	Ser	Gly	Gly	Gln	Ala	Glu	Arg	Thr	Ile

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				20					25					30
Thr	Gly	Met	Ile	Asp	Leu	Asp	Thr	Ser	Lys	Asn	Asn	Arg	Ile	Gly
				35					40					45
Lys	Thr	Gly	Glu	Arg	Pro	Ser	Gln	Glu	Asn	Gly	Ile	Gln	Lys	His
				50					55					60
Arg	Thr	Ser	Leu	Pro	Ala	Pro	Met	Phe	Ser	Arg	Ser	Asp	Phe	Ser
				65					70					75
Val	Trp	Thr	Ile	Leu	Lys	Lys	Cys	Val	Gly	Leu	Glu	Leu	Ser	Lys
				80					85					90
Ile	Thr	Met	Pro	Ile	Ala	Phe	Asn	Glu	Pro	Leu	Ser	Phe	Leu	Gln
				95					100					105
Arg	Ile	Thr	Glu	Tyr	Met	Glu	His	Val	Tyr	Leu	Ile	His	Arg	Ala
				110					115					120
Ser	Cys	Gln	Pro	Gln	Pro	Leu	Glu	Arg	Met	Gln	Ser	Val	Ala	Ala
				125					130					135
Phe	Ala	Val	Ser	Ala	Val	Ala	Ser	Gln	Trp	Glu	Arg	Thr	Gly	Lys
				140					145					150
Pro	Phe	Asn	Pro	Leu	Leu	Gly	Glu	Thr	Tyr	Glu	Leu	Ile	Arg	Glu
				155					160					165
Asp	Leu	Gly	Phe	Arg	Phe	Ile	Ser	Glu	Gln	Val	Ser	His	His	Pro
				170					175					180
Pro	Ile	Ser	Ala	Phe	His	Ser	Glu	Gly	Leu	Asn	His	Asp	Phe	Leu
				185					190					195
Phe	His	Gly	Ser	Ile	Tyr	Pro	Lys	Leu	Lys	Phe	Trp	Gly	Lys	Ser
				200					205					210
Val	Glu	Ala	Glu	Pro	Arg	Gly	Thr	Ile	Thr	Leu	Glu	Leu	Leu	Lys
				215					220					225
His	Asn	Glu	Ala	Tyr	Thr	Trp	Thr	Asn	Pro	Thr	Cys	Cys	Val	His
				230					235					240
Asn	Val	Ile	Ile	Gly	Lys	Leu	Trp	Ile	Glu	Gln	Tyr	Gly	Thr	Val
				245					250					255
Glu	Ile	Leu	Asn	His	Arg	Thr	Gly	His	Lys	Cys	Val	Leu	His	Phe
				260					265					270
Lys	Pro	Cys	Gly	Leu	Phe	Gly	Lys	Glu	Leu	His	Lys	Val	Glu	Gly
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His	Ile	Gln	Asp	Lys	Asn	Lys	Lys	Lys	Leu	Phe	Met	Ile	Tyr	Gly
				290					295					300
Lys	Trp	Thr	Glu	Cys	Leu	Trp	Gly	Ile	Asp	Pro	Val	Ser	Tyr	Glu
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Ser	Phe	Lys	Lys	Gln	Glu	Arg	Arg	Gly	Asp	His	Leu	Arg	Lys	Ala
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Val	Ala	Pro	Trp	Arg	Ser	Ser	Leu	His	Pro	Cys	Glu	Ile	Thr	Ala
				20					25					30
Leu	Ser	Gln	Ser	Leu	Gln	Pro	Leu	Arg	Lys	Leu	Pro	Phe	Arg	Ala
				35					40					45
Phe	Arg	Thr	Asp	Ala	Arg	Lys	Ile	His	Thr	Ala	Pro	Ala	Arg	Thr
				50					55					60
Met	Phe	Leu	Leu	Arg	Pro	Leu	Pro	Ile	Leu	Leu	Val	Thr	Gly	Gly
				65					70					75
Gly	Tyr	Ala	Gly	Tyr	Arg	Gln	Tyr	Glu	Lys	Tyr	Arg	Glu	Arg	Glu
				80					85					90
Leu	Glu	Lys	Leu	Gly	Leu	Glu	Ile	Pro	Pro	Lys	Leu	Ala	Gly	His
				95					100					105
Trp	Glu	Val	Ala	Leu	Tyr	Lys	Ser	Val	Pro	Thr	Arg	Leu	Leu	Ser
				110					115					120
Arg	Ala	Trp	Gly	Arg	Leu	Asn	Gln	Val	Glu	Leu	Pro	His	Trp	Leu
				125					130					135
Arg	Arg	Pro	Val	Tyr	Ser	Leu	Tyr	Ile	Trp	Thr	Phe	Gly	Val	Asn
				140					145					150
Met	Lys	Glu	Ala	Ala	Val	Glu	Asp	Leu	His	His	Tyr	Arg	Asn	Leu
				155					160					165
Ser	Glu	Phe	Phe	Arg	Arg	Lys	Leu	Lys	Pro	Gln	Ala	Arg	Pro	Val
				170					175					180
Cys	Gly	Leu	His	Ser	Val	Ile	Ser	Pro	Ser	Asp	Gly	Arg	Ile	Leu
				185					190					195
Asn	Phe	Gly	Gln	Val	Lys	Asn	Cys	Glu	Val	Glu	Gln	Val	Lys	Gly
				200					205					210
Val	Thr	Tyr	Ser	Leu	Glu	Ser	Phe	Leu	Gly	Pro	Arg	Met	Cys	Thr
				215					220					225
Glu	Asp	Leu	Pro	Phe	Pro	Pro	Ala	Ala	Ser	Cys	Asp	Ser	Phe	Lys
				230					235					240
Asn	Gln	Leu	Val	Thr	Arg	Glu	Gly	Asn	Glu	Leu	Tyr	His	Cys	Val
				245					250					255
Ile	Tyr	Leu	Ala	Pro	Gly	Asp	Tyr	His	Cys	Phe	His	Ser	Pro	Thr
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Asp	Trp	Thr	Val	Ser	His	Arg	Arg	His	Phe	Pro	Gly	Ser	Leu	Met
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				290					295					300
His	Asn	Glu	Arg	Val	Val	Leu	Thr	Gly	Asp	Trp	Lys	His	Gly	Phe
				305					310					315
Phe	Ser	Leu	Thr	Ala	Val	Gly	Ala	Thr	Asn	Val	Gly	Ser	Ile	Arg
				320					325					330
Ile	Tyr	Phe	Asp	Arg	Asp	Leu	His	Thr	Asn	Ser	Pro	Arg	His	Ser
				335					340					345
Lys	Gly	Ser	Tyr	Asn	Asp	Phe	Ser	Phe	Val	Thr	His	Thr	Asn	Arg
				350					355					360
Glu	Gly	Val	Pro	Met	Arg	Lys	Gly	Glu	His	Leu	Gly	Glu	Phe	Asn
				365					370					375
Leu	Gly	Ser	Thr	Ile	Val	Leu	Ile	Phe	Glu	Ala	Pro	Lys	Asp	Phe
				380					385					390
Asn	Phe	Gln	Leu	Lys	Thr	Gly	Gln	Lys	Ile	Arg	Phe	Gly	Glu	Ala
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Leu	Gly	Ser	Leu											

&lt;210&gt; 4

&lt;211&gt; 759

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

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&lt;223&gt; Incyte ID No: 2766980CD1

&lt;400&gt; 4

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				20					25					30
Ser	Ser	Ala	Ile	Val	Glu	Ile	Phe	Ser	Lys	Tyr	Gln	Lys	Ala	Ala
				35					40					45
Glu	Glu	Thr	Asn	Met	Glu	Lys	Lys	Arg	Ser	Asn	Thr	Glu	Asn	Leu
				50					55					60
Ser	Gln	His	Phe	Arg	Lys	Gly	Thr	Leu	Thr	Val	Leu	Lys	Lys	Lys
				65					70					75
Trp	Glu	Asn	Pro	Gly	Leu	Gly	Ala	Glu	Ser	His	Thr	Asp	Ser	Leu
				80					85					90
Arg	Asn	Ser	Ser	Thr	Glu	Ile	Arg	His	Arg	Ala	Asp	His	Pro	Pro
				95					100					105
Ala	Glu	Val	Thr	Ser	His	Ala	Ala	Ser	Gly	Ala	Lys	Ala	Asp	Gln
				110					115					120
Glu	Glu	Gln	Ile	His	Pro	Arg	Ser	Arg	Leu	Arg	Ser	Pro	Pro	Glu
				125					130					135
Ala	Leu	Val	Gln	Gly	Arg	Tyr	Pro	His	Ile	Lys	Asp	Gly	Glu	Asp
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Leu	Lys	Asp	His	Ser	Thr	Glu	Ser	Lys	Lys	Met	Glu	Asn	Cys	Leu
				155					160					165
Gly	Glu	Ser	Arg	His	Glu	Val	Glu	Lys	Ser	Glu	Ile	Ser	Glu	Asn
				170					175					180
Thr	Asp	Ala	Ser	Gly	Lys	Ile	Glu	Lys	Tyr	Asn	Val	Pro	Leu	Asn
				185					190					195
Arg	Leu	Lys	Met	Met	Phe	Glu	Lys	Gly	Glu	Pro	Thr	Gln	Thr	Lys
				200					205					210
Ile	Leu	Arg	Ala	Gln	Ser	Arg	Ser	Ala	Ser	Gly	Arg	Lys	Ile	Ser
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Glu	Asn	Ser	Tyr	Ser	Leu	Asp	Asp	Leu	Glu	Ile	Gly	Pro	Gly	Gln
				230					235					240
Leu	Ser	Ser	Ser	Thr	Phe	Asp	Ser	Glu	Lys	Asn	Glu	Ser	Arg	Arg
				245					250					255
Asn	Leu	Glu	Leu	Pro	Arg	Leu	Ser	Glu	Ser	Ile	Lys	Asp	Arg	
				260					265					270
Met	Ala	Lys	Tyr	Gln	Ala	Ala	Val	Ser	Lys	Gln	Ser	Ser	Ser	Thr

					275					280					285
Asn	Tyr	Thr	Asn	Glu	Leu	Lys	Ala	Ser	Gly	Gly	Glu	Ile	Lys	Ile	
				290					295					300	
His	Lys	Met	Glu	Gln	Lys	Glu	Asn	Val	Pro	Pro	Gly	Pro	Glu	Val	
				305					310					315	
Cys	Ile	Thr	His	Gln	Glu	Gly	Glu	Lys	Ile	Ser	Ala	Asn	Glu	Asn	
				320					325					330	
Ser	Leu	Ala	Val	Arg	Ser	Thr	Pro	Ala	Glu	Asp	Asp	Ser	Arg	Asp	
				335					340					345	
Ser	Gln	Val	Lys	Ser	Glu	Val	Gln	Gln	Pro	Val	His	Pro	Lys	Pro	
				350					355					360	
Leu	Ser	Pro	Asp	Ser	Arg	Ala	Ser	Ser	Leu	Ser	Glu	Ser	Ser	Pro	
				365					370					375	
Pro	Lys	Ala	Met	Lys	Lys	Phe	Gln	Ala	Pro	Ala	Arg	Glu	Thr	Cys	
				380					385					390	
Val	Glu	Cys	Gln	Lys	Thr	Val	Tyr	Pro	Met	Glu	Arg	Leu	Leu	Ala	
				395					400					405	
Asn	Gln	Gln	Val	Phe	His	Ile	Ser	Cys	Phe	Arg	Cys	Ser	Tyr	Cys	
				410					415					420	
Asn	Asn	Lys	Leu	Ser	Leu	Gly	Thr	Tyr	Ala	Ser	Leu	His	Gly	Arg	
				425					430					435	
Ile	Tyr	Cys	Lys	Pro	His	Phe	Asn	Gln	Leu	Phe	Lys	Ser	Lys	Gly	
				440					445					450	
Asn	Tyr	Asp	Glu	Gly	Phe	Gly	His	Arg	Pro	His	Lys	Asp	Leu	Trp	
				455					460					465	
Ala	Ser	Lys	Asn	Glu	Asn	Glu	Glu	Ile	Leu	Glu	Arg	Pro	Ala	Gln	
				470					475					480	
Leu	Ala	Asn	Ala	Arg	Glu	Thr	Pro	His	Ser	Pro	Gly	Val	Glu	Asp	
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Ala	Pro	Ile	Ala	Lys	Val	Gly	Val	Leu	Ala	Ala	Ser	Met	Glu	Ala	
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Lys	Ala	Ser	Ser	Gln	Gln	Glu	Lys	Glu	Asp	Lys	Pro	Ala	Glu	Thr	
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Lys	Lys	Leu	Arg	Ile	Ala	Trp	Pro	Pro	Pro	Thr	Glu	Leu	Gly	Ser	
				530					535					540	
Ser	Gly	Ser	Ala	Leu	Glu	Glu	Gly	Ile	Lys	Met	Ser	Lys	Pro	Lys	
				545					550					555	
Trp	Pro	Pro	Glu	Asp	Glu	Ile	Ser	Lys	Pro	Glu	Val	Pro	Glu	Asp	
				560					565					570	
Val	Asp	Leu	Asp	Leu	Lys	Lys	Leu	Arg	Arg	Ser	Ser	Ser	Leu	Lys	
				575					580					585	
Glu	Arg	Ser	Arg	Pro	Phe	Thr	Val	Ala	Ala	Ser	Phe	Gln	Ser	Thr	
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Ser	Val	Lys	Ser	Pro	Lys	Thr	Val	Ser	Pro	Pro	Ile	Arg	Lys	Gly	
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PCT/US00/04160

<211> 226  
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 <213> Homo sapiens

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                                   20                                  25                                  30  
 Asn Ile Leu Ser Gly Gln Arg Trp Ile Glu His Tyr Gly Glu Ile  
                                   35                                  40                                  45  
 Val Ile Lys Asn Leu His Asp Asp Ser Cys Tyr Cys Lys Val Asn  
                                   50                                  55                                  60  
 Phe Ile Lys Ala Lys Tyr Trp Ser Thr Asn Ala His Glu Ile Glu  
                                   65                                  70                                  75  
 Gly Thr Val Phe Asp Arg Ser Gly Lys Ala Val His Arg Leu Phe  
                                   80                                  85                                  90  
 Gly Lys Trp His Glu Ser Ile Tyr Cys Gly Gly Gly Ser Ser Ser  
                                   95                                  100                                  105  
 Ala Cys Val Trp Arg Ala Asn Pro Met Pro Lys Gly Tyr Glu Gln  
                                   110                                  115                                  120  
 Tyr Tyr Ser Phe Thr Gln Phe Ala Leu Glu Leu Asn Glu Met Asp  
                                   125                                  130                                  135  
 Pro Ser Ser Lys Ser Leu Leu Pro Pro Thr Asp Thr Arg Phe Arg  
                                   140                                  145                                  150  
 Pro Asp Gln Arg Phe Leu Glu Glu Gly Asn Leu Glu Glu Ala Glu  
                                   155                                  160                                  165  
 Ile Gln Lys Gln Arg Ile Glu Gln Leu Gln Arg Glu Arg Arg Arg  
                                   170                                  175                                  180  
 Val Leu Glu Glu Asn His Val Glu His Gln Pro Arg Phe Phe Arg  
                                   185                                  190                                  195  
 Lys Ser Asp Asp Asp Ser Trp Val Ser Asn Gly Thr Tyr Leu Glu  
                                   200                                  205                                  210  
 Leu Arg Lys Asp Leu Gly Phe Ser Lys Leu Asp His Pro Val Leu  
                                   215                                  220                                  225  
 Trp

<210> 6  
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 <213> Homo sapiens

<220>  
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 Ser Lys Leu Pro Lys Phe Glu Ile Glu Leu Pro Ala Ala Pro Lys  
                                   35                                  40                                  45  
 Ser Thr Lys Pro Ser Leu Ser Glu Arg Asp Ile Ala Met Ala Thr  
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 Ile Tyr Gly Gln Leu Tyr Val Leu Phe Leu Arg His His Ser Arg  
                                   65                                  70                                  75  
 Thr Ser Asn Ser Thr Gly Ala Glu Val Val Leu Tyr His Leu Pro  
                                   80                                  85                                  90  
 Arg Glu Gly Ala Cys Lys Lys Met His Ile Leu Lys Leu Asn Arg  
                                   95                                  100                                  105  
 Thr Gly Lys Phe Ala Leu Asn Val Val Asp Asn Leu Val Val Val  
                                   110                                  115                                  120

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His His Gln Asp Thr Glu Thr Ser Val Ile Phe Asp Ile Lys Leu  
 125 130 135  
 Arg Gly Glu Phe Asp Gly Ser Val Thr Phe His His Pro Val Leu  
 140 145 150  
 Pro Ala Arg Ser Ile Gln Pro Tyr Gln Ile Pro Ile Thr Gly Pro  
 155 160 165  
 Ala Ala Val Thr Ser Gln Ser Pro Val Pro Cys Lys Leu Tyr Ser  
 170 175 180  
 Ser Ser Trp Ile Val Phe Gln Pro Asp Ile Ile Ile Ser Ala Ser  
 185 190 195  
 Gln Gly Tyr Leu Trp Asn Leu Gln Val Lys Leu Glu Pro Ile Val  
 200 205 210  
 Asn Leu Leu Pro Asp Lys Gly Arg Leu Met Asp Phe Leu Leu Gln  
 215 220 225  
 Arg Lys Glu Cys Lys Met Val Ile Leu Ser Val Cys Ser Gln Met  
 230 235 240  
 Leu Ser Glu Ser Asp Arg Ala Ser Leu Pro Val Ile Ala Thr Val  
 245 250 255  
 Phe Asp Lys Leu Asn His Glu Tyr Lys Lys Tyr Leu Asp Ala Glu  
 260 265 270  
 Gln Ser Tyr Ala Met Ala Val Glu Ala Gly Gln Ser Arg Ser Ser  
 275 280 285  
 Pro Leu Leu Lys Arg Pro Val Arg Thr Gln Ala Val Leu Asp Gln  
 290 295 300  
 Ser Asp Val Tyr Thr His Val Leu Ser Ala Phe Val Glu Lys Lys  
 305 310 315  
 Glu Met Pro His Lys Phe Val Ile Ala Val Leu Met Glu Tyr Ile  
 320 325 330  
 Arg Ser Leu Asn Gln Phe Gln Ile Ala Val Gln His Tyr Leu His  
 335 340 345  
 Glu Leu Val Ile Lys Thr Leu Val Gln His Asn Leu Phe Tyr Met  
 350 355 360  
 Leu His Gln Phe Leu Gln Tyr His Val Leu Ser Asp Ser Lys Pro  
 365 370 375  
 Leu Ala Cys Leu Leu Leu Ser Leu Glu Ser Phe Tyr Pro Pro Ala  
 380 385 390  
 His Gln Leu Ser Leu Asp Met Leu Lys Arg Leu Ser Thr Ala Asn  
 395 400 405  
 Asp Glu Ile Val Glu Val Leu Leu Ser Lys His Gln Val Leu Ala  
 410 415 420  
 Ala Leu Arg Phe Ile Arg Gly Ile Gly Gly His Asp Asn Ile Ser  
 425 430 435  
 Ala Arg Lys Phe Leu Asp Ala Ala Lys Gln Thr Glu Asp Asn Met  
 440 445 450  
 Leu Phe Tyr Thr Ile Phe Arg Phe Phe Glu Gln Arg Asn Gln Arg  
 455 460 465  
 Leu Arg Gly Ser Pro Asn Phe Thr Pro Gly Glu His Cys Glu Glu  
 470 475 480  
 His Val Ala Phe Phe Lys Gln Ile Phe Gly Asp Gln Ala Leu Met  
 485 490 495  
 Arg Pro Thr Thr Phe  
 500

&lt;210&gt; 7

&lt;211&gt; 272

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No: 1004646CD1

&lt;400&gt; 7

Met Ser Cys His Asn Cys Ser Asp Pro Gln Val Leu Cys Ser Ser  
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 Gly Gln Leu Phe Leu Gln Pro Leu Trp Asp His Leu Arg Ser Trp  
 20 25 30

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Glu Ala Leu Leu Gln Ser Pro Phe Phe Pro Val Ile Phe Ser Ile
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Thr Thr Tyr Val Gly Phe Cys Leu Pro Phe Val Val Leu Asp Ile
      50              55              60
Leu Cys Ser Trp Val Pro Ala Leu Arg Arg Tyr Lys Ile His Pro
      65              70              75
Asp Phe Ser Pro Ser Ala Gln Gln Leu Leu Pro Cys Leu Gly Gln
      80              85              90
Thr Leu Tyr Gln His Val Met Phe Val Phe Pro Val Thr Leu Leu
      95              100             105
His Trp Ala Arg Ser Pro Ala Leu Leu Pro His Glu Ala Pro Glu
      110             115             120
Leu Leu Leu Leu Leu His His Ile Leu Phe Cys Leu Leu Leu Phe
      125             130             135
Asp Met Glu Phe Phe Val Trp His Leu Leu His His Lys Val Pro
      140             145             150
Trp Leu Tyr Arg Thr Phe His Lys Val His His Gln Asn Ser Ser
      155             160             165
Ser Phe Ala Leu Ala Thr Gln Tyr Met Ser Val Trp Glu Leu Phe
      170             175             180
Ser Leu Gly Phe Phe Asp Met Met Asn Val Thr Leu Leu Gly Cys
      185             190             195
His Pro Leu Thr Thr Leu Thr Phe His Val Val Asn Ile Trp Leu
      200             205             210
Ser Val Glu Asp His Ser Gly Tyr Asn Phe Pro Trp Ser Thr His
      215             220             225
Arg Leu Val Pro Phe Gly Trp Tyr Gly Gly Val Val His His Asp
      230             235             240
Leu His His Ser His Phe Asn Cys Asn Phe Ala Pro Tyr Phe Thr
      245             250             255
His Trp Asp Lys Ile Leu Gly Thr Leu Arg Thr Ala Ser Val Pro
      260             265             270
Ala Arg

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 <213> Homo sapiens

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 <223> Incyte ID No: 1802851CD1

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Leu Glu Ala Ala Ala Ser Pro Leu Ser Thr Pro Thr Ser Ala Gln
      35      40      45
Ala Ala Gly Pro Ser Ser Gly Ser Cys Pro Pro Thr Lys Phe Gln
      50      55      60
Cys Arg Thr Ser Gly Leu Cys Val Pro Leu Thr Trp Arg Cys Asp
      65      70      75
Arg Asp Leu Asp Cys Ser Asp Gly Ser Asp Glu Glu Glu Cys Arg
      80      85      90
Ile Glu Pro Cys Thr Gln Lys Gly Gln Cys Pro Pro Pro Pro Gly
      95      100     105
Leu Pro Cys Pro Cys Thr Gly Val Ser Asp Cys Ser Gly Gly Thr
      110     115     120
Asp Lys Lys Leu Arg Asn Cys Ser Arg Leu Ala Cys Leu Ala Gly
      125     130     135
Glu Leu Arg Cys Thr Leu Ser Asp Asp Cys Ile Pro Leu Thr Trp
      140     145     150
Arg Cys Asp Gly His Pro Asp Cys Pro Asp Ser Ser Asp Glu Leu
      155     160     165
Gly Cys Gly Thr Asn Glu Ile Leu Pro Glu Gly Asp Ala Thr Thr

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WO 00/49043

PCT/US00/04160

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Met Gly Pro Pro	Val Thr Leu Glu Ser	Val Thr Ser Leu Arg Asn			
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Ala Thr Thr Met	Gly Pro Pro Val Thr	Leu Glu Ser Val Pro Ser			
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Val Gly Asn Ala	Thr Ser Ser Ser Ala	Gly Asp Gln Ser Gly Ser			
	215		220		225
Pro Thr Ala Tyr	Gly Val Ile Ala Ala	Ala Ala Val Leu Ser Ala			
	230		235		240
Ser Leu Val Thr	Ala Thr Leu Leu Leu	Leu Ser Trp Leu Arg Ala			
	245		250		255
Gln Glu Arg Leu	Arg Pro Leu Gly Leu	Leu Val Ala Met Lys Glu			
	260		265		270
Ser Leu Leu Leu	Ser Glu Gln Lys Thr	Ser Leu Pro			
	275		280		

&lt;210&gt; 9

&lt;211&gt; 437

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No: 2764333CD1

&lt;400&gt; 9

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Arg Asn Asp Phe Ser	Ile Trp Ser Ile Leu	Arg Lys Cys Ile Gly			
	35	40			45
Met Glu Leu Ser Lys	Ile Thr Met Pro Val	Ile Phe Asn Glu Pro			
	50	55			60
Leu Ser Phe Leu Gln	Arg Leu Thr Glu Tyr	Met Glu His Thr Tyr			
	65	70			75
Leu Ile His Lys Ala	Ser Ser Leu Ser Asp	Pro Val Glu Arg Met			
	80	85			90
Gln Cys Val Ala Ala	Phe Ala Val Ser Ala	Val Ala Ser Gln Trp			
	95	100			105
Glu Arg Thr Gly Lys	Pro Phe Asn Pro Leu	Leu Gly Glu Thr Tyr			
	110	115			120
Glu Leu Val Arg Asp	Leu Gly Phe Arg Leu	Ile Ser Glu Gln			
	125	130			135
Val Ser His His Pro	Pro Ile Ser Ala Phe	His Ala Glu Gly Leu			
	140	145			150
Asn Asn Asp Phe Ile	Phe His Gly Ser Ile	Tyr Pro Lys Leu Lys			
	155	160			165
Phe Trp Gly Lys Ser	Val Glu Ala Glu Pro	Lys Gly Thr Ile Thr			
	170	175			180
Leu Glu Leu Leu Glu	His Asn Glu Ala Tyr	Thr Trp Thr Asn Pro			
	185	190			195
Thr Cys Cys Val His	Asn Ile Ile Val Gly	Lys Leu Trp Ile Glu			
	200	205			210
Gln Tyr Gly Asn Val	Glu Ile Ile Asn His	Lys Thr Gly Asp Lys			
	215	220			225
Cys Val Leu Asn Phe	Lys Pro Cys Gly Leu	Phe Gly Lys Glu Leu			
	230	235			240
His Lys Val Glu Gly	Tyr Ile Gln Asp Lys	Ser Lys Lys Lys Leu			
	245	250			255
Cys Ala Leu Tyr Gly	Lys Trp Thr Glu Cys	Leu Tyr Ser Val Asp			
	260	265			270
Pro Ala Thr Phe Asp	Ala Tyr Lys Lys Asn	Asp Lys Lys Asn Thr			
	275	280			285
Glu Glu Lys Lys Asn	Ser Lys Gln Met Ser	Thr Ser Glu Glu Leu			
	290	295			300
Asp Glu Met Pro Val	Pro Asp Ser Glu Ser	Val Phe Ile Ile Pro			

Met	Arg	Gln	Ala	Ala	Ala	Asp	Ala	Lys	Pro	Glu	Ser	Leu	Met	Lys
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Arg	Leu	Glu	Glu	Glu	Ile	Lys	Phe	Asn	Leu	Tyr	Met	Val	Thr	Glu
				20					25					30
Lys	Phe	Pro	Lys	Glu	Leu	Glu	Asn	Lys	Lys	Lys	Glu	Leu	His	Phe
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Leu	Gln	Lys	Val	Val	Ser	Glu	Pro	Ala	Met	Gly	His	Ser	Asp	Leu
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Leu	Glu	Leu	Glu	Ser	Lys	Ile	Asn	Glu	Ile	Asn	Thr	Glu	Ile	Asn
				65					70					75
Gln	Leu	Ile	Glu	Lys	Lys	Met	Met	Arg	Asn	Glu	Pro	Ile	Glu	Gly
				80					85					90
Lys	Leu	Ser	Leu	Tyr	Arg	Gln	Gln	Ala	Ser	Ile	Ile	Ser	Arg	Lys
				95					100					105
Lys	Glu	Ala	Lys	Ala	Glu	Glu	Leu	Gln	Glu	Ala	Lys	Glu	Lys	Leu
				110					115					120
Ala	Ser	Leu	Glu	Arg	Glu	Ala	Ser	Val	Lys	Arg	Asn	Gln	Thr	Arg
				125					130					135
Glu	Phe	Asp	Gly	Thr	Glu	Val	Leu	Lys	Gly	Asp	Glu	Phe	Lys	Arg
				140					145					150
Tyr	Val	Asn	Lys	Leu	Arg	Ser	Lys	Ser	Thr	Val	Phe	Lys	Lys	Lys
				155					160					165
His	Gln	Ile	Ile	Ala	Glu	Leu	Lys	Ala	Glu	Phe	Gly	Leu	Leu	Gln
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Arg	Thr	Glu	Glu	Leu	Leu	Lys	Gln	Arg	His	Glu	Asn	Ile	Gln	Gln
				185					190					195
Gln	Leu	Gln	Thr	Met	Glu	Glu	Lys	Lys	Gly	Ile	Ser	Gly	Tyr	Ser
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Tyr	Thr	Gln	Glu	Glu	Leu	Glu	Arg	Val	Ser	Ala	Leu	Lys	Ser	Glu
				215					220					225
Val	Asp	Glu	Met	Lys	Gly	Arg	Thr	Leu	Asp	Asp	Met	Ser	Glu	Met
				230					235					240
Val	Lys	Lys	Leu	Tyr	Ser	Leu	Val	Ser	Glu	Lys	Lys	Ser	Ala	Leu
				245					250					255
Ala	Ser	Val	Ile	Lys	Glu	Leu	Arg	Gln	Leu	Arg	Gln	Lys	Tyr	Gln
				260					265					270
Glu	Leu	Thr	Gln	Glu	Cys	Asp	Glu	Lys	Lys	Ser	Gln	Tyr	Asp	Ser
				275					280					285

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Cys Ala Ala Gly Leu Glu Ser Asn Arg Ser Lys Leu Glu Gln Glu
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Val Arg Arg Leu Arg Glu Glu Cys Leu Gln Glu Glu Ser Arg Tyr
305 310 315
His Tyr Thr Asn Cys Met Ile Lys Asn Leu Glu Val Gln Leu Arg
320 325 330
Arg Ala Thr Asp Glu Met Lys Ala Tyr Ile Ser Ser Asp Gln Gln
335 340 345
Glu Lys Arg Lys Ala Ile Arg Glu Gln Tyr Thr Lys Asn Thr Ala
350 355 360
Glu Gln Glu Asn Leu Gly Lys Lys Leu Arg Glu Lys Gln Lys Val
365 370 375
Ile Arg Glu Ser His Gly Pro Asn Met Lys Gln Ala Lys Met Trp
380 385 390
Arg Asp Leu Glu Gln Leu Met Glu Cys Lys Lys Gln Cys Phe Leu
395 400 405
Lys Gln Gln Ser Gln Thr Ser Ile Gly Gln Val Ile Gln Glu Gly
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Gly Glu Asp Arg Leu Ile Leu
425

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&lt;210&gt; 11

&lt;211&gt; 564

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No: 3335404CD1

&lt;400&gt; 11

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Ser Cys Arg Asn Leu Leu Asp Arg Asp Thr Phe Ser Lys Ser Asp
35 40 45
Pro Ile Cys Val Leu Tyr Val Gln Gly Val Gly Asn Lys Glu Trp
50 55 60
Arg Glu Phe Gly Arg Thr Glu Val Ile Asp Asn Thr Leu Asn Pro
65 70 75
Asp Phe Val Arg Lys Phe Ile Leu Asp Tyr Phe Phe Glu Glu Arg
80 85 90
Glu Asn Leu Arg Phe Asp Leu Tyr Asp Val Asp Ser Lys Ser Pro
95 100 105
Asn Leu Ser Lys His Asp Phe Leu Gly Gln Val Phe Cys Thr Leu
110 115 120
Gly Glu Ile Val Gly Ser Gln Gly Ser Arg Leu Glu Lys Pro Ile
125 130 135
Val Gly Ile Pro Gly Lys Lys Cys Gly Thr Ile Ile Leu Thr Ala
140 145 150
Glu Glu Leu Asn Cys Cys Arg Asp Ala Val Leu Met Gln Phe Cys
155 160 165
Ala Asn Lys Leu Asp Lys Lys Asp Phe Phe Gly Lys Ser Asp Pro
170 175 180
Phe Leu Val Phe Tyr Arg Ser Asn Glu Asp Gly Ser Phe Thr Ile
185 190 195
Cys His Lys Thr Glu Val Val Lys Asn Thr Leu Asn Pro Val Trp
200 205 210
Gln Ala Phe Lys Ile Ser Val Arg Ala Leu Cys Asn Gly Asp Tyr
215 220 225
Asp Arg Thr Ile Lys Val Glu Val Tyr Asp Trp Asp Arg Asp Gly
230 235 240
Ser His Asp Phe Ile Gly Glu Phe Thr Thr Ser Tyr Arg Glu Leu
245 250 255
Ser Arg Gly Gln Ser Gln Phe Asn Val Tyr Glu Val Val Asn Pro
260 265 270

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Met	Met	Asp	Ser	Glu	Ala	His	Glu	Lys	Arg	Pro	Pro	Ile	Leu	Thr
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Met	Lys	His	Tyr	Leu	Cys	Gly	Cys	Cys	Ala	Ala	Phe	Asn	Asn	Val
				35					40					45
Ala	Ile	Thr	Phe	Pro	Ile	Gln	Lys	Val	Leu	Phe	Arg	Gln	Gln	Leu
				50					55					60
Tyr	Gly	Ile	Lys	Thr	Arg	Asp	Ala	Ile	Leu	Gln	Leu	Arg	Arg	Asp
				65					70					75
Gly	Phe	Arg	Asn	Leu	Tyr	Arg	Gly	Ile	Leu	Pro	Pro	Leu	Met	Gln
				80					85					90
Lys	Thr	Thr	Thr	Leu	Ala	Leu	Met	Phe	Gly	Leu	Tyr	Glu	Asp	Leu
				95					100					105
Ser	Cys	Leu	Leu	His	Lys	His	Val	Ser	Ala	Pro	Glu	Phe	Ala	Thr
				110					115					120

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 Thr Pro Leu Glu Arg Val Gln Thr Leu Leu Gln Asp His Lys His  
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 His Asp Lys Phe Thr Asn Thr Tyr Gln Ala Phe Lys Ala Leu Lys  
 155 160 165  
 Cys His Gly Ile Gly Glu Tyr Tyr Arg Gly Leu Val Pro Ile Leu  
 170 175 180  
 Phe Arg Asn Gly Leu Ser Asn Val Leu Phe Phe Gly Leu Arg Gly  
 185 190 195  
 Pro Ile Lys Glu His Leu Pro Thr Ala Thr Thr His Ser Ala His  
 200 205 210  
 Leu Val Asn Asp Phe Ile Cys Gly Gly Leu Leu Gly Ala Met Leu  
 215 220 225  
 Gly Phe Leu Phe Phe Pro Ile Asn Val Val Lys Thr Arg Ile Gln  
 230 235 240  
 Ser Gln Ile Gly Gly Glu Phe Gln Ser Phe Pro Lys Val Phe Gln  
 245 250 255  
 Lys Ile Trp Leu Glu Arg Asp Arg Lys Leu Ile Asn Leu Phe Arg  
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 Gly Ala His Leu Asn Tyr His Arg Ser Leu Ile Ser Trp Gly Ile  
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